

c.) Amendments to the Claims

1-8. (Cancelled)

9. (New) A vaccine composition for inducing an immune response in a ruminant, said vaccine composition comprising recombinant MSP1a surface protein antigen in combination with an immunogen derived from *A. marginale*, wherein said vaccine composition further comprises a pharmaceutically acceptable carrier or diluent.

10. (New) The vaccine according to claim 9, wherein said immunogen is tick cell culture derived *A. marginale*.

11. (New) The vaccine according to claim 10, wherein said tick cell culture comprises *Ixodes scapularis* tick cell line IDE8.

12. (New) The vaccine according to claim 9, wherein said recombinant MSP1a surface protein antigen is of the Oklahoma isolate of *A. marginale*.

13. (New) The vaccine according to claim 12, wherein said immunogen is derived from the Oklahoma isolate of *A. marginale*.

14. (New) A method for inducing a protective immune response in a ruminant against *A. marginale* comprising administering to the ruminant an effective dose of the vaccine composition of claim 1.
15. (New) The method according to claim 14, wherein said dose comprises approximately 100 µg of said antigen.
16. (New) The method according to claim 15, wherein said dose comprises approximately  $2 \times 10^{10}$  *A. marginale*.
17. (New) The method according to claim 14, wherein said immunogen is tick cell culture derived *A. marginale*.
18. (New) The method according to claim 17, wherein said tick cell culture comprises *Ixodes scapularis* tick cell line IDE8.
19. (New) The method according to claim 14, wherein said recombinant MSP1a surface protein antigen is of the Oklahoma isolate of *A. marginale*.
20. (New) The method according to claim 19, wherein said immunogen is derived from the Oklahoma isolate of *A. marginale*.